

Chem-Impex International, Inc.

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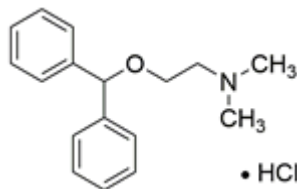
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	37771
Product	Diphenhydramine hydrochloride 2-Diphenylmethoxy- <i>N,N</i> -dimethylethylamine hydrochloride 2-(Benzhydryloxy)- <i>N,N</i> -dimethylethylamine hydrochloride
CAS Number	147-24-0
Molecular Formula	C ₁₇ H ₂₁ NO•HCl
Molecular Weight	291.82

Appearance	White crystalline powder
Acidity	≤ 0.5 mL
Loss on Drying	≤ 0.5%
Related Substances	Diphenhydramine related compound A : ≤ 0.5% 4-Methyldiphenhydramine : ≤ 0.3% 4-Bromodiphenhydramine : ≤ 0.3% Benzhydrol : ≤ 0.3% Benzophenone : ≤ 0.3% Any other unspecified impurity : ≤ 0.1% Total impurities : ≤ 1.0%
Residue On Ignition	≤ 0.1%
Assay	98 - 102% (On dry basis)
Grade	meets USP specification
Storage	Store at 2 - 8 °C
Additional Information	Identification A, B, C : To pass test

For Laboratory Use Only